

SH 9 Grand County Safety Improvements

Presented by:

Colorado Department of Transportation (CDOT)

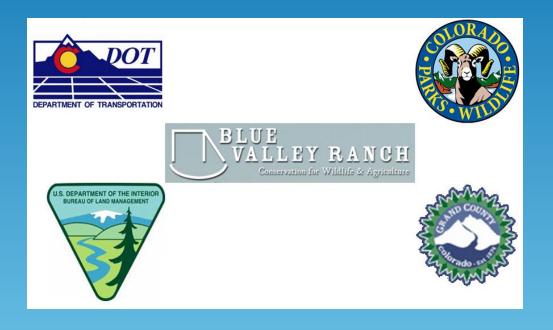
Agenda - SH 9 Public Meeting April 19, 2012

- Project Background and History
 - Project Limits/Description
 - Public/Private Partnership
- Purpose and Need
 - Types of Safety Issues
- Identified Safety Improvements
 - Wildlife Mitigation Strategies
 - Highway Improvements
- Questions and Comments

Project Background and History

Project Location: SH 9 Milepost 126 to Milepost 137 (Heeney Road to Colorado River Bridge Crossing)

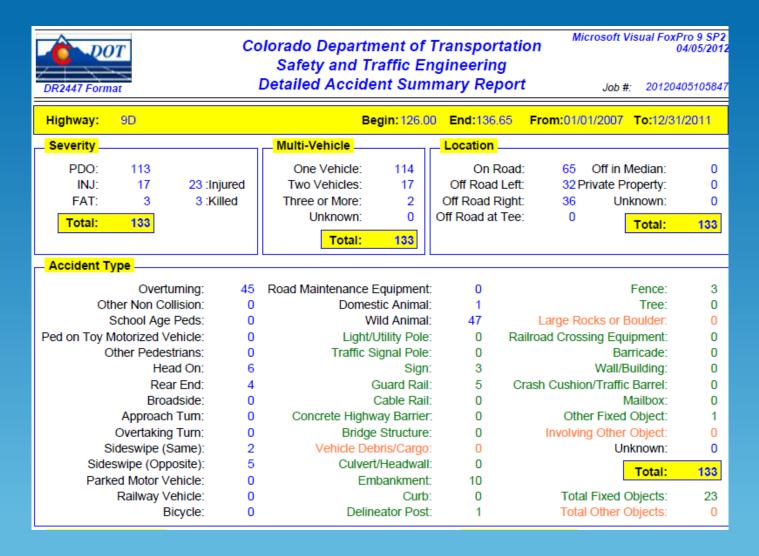
Public/Private Partnership: Colorado Department of Transportation, Grand County, Blue Valley Ranch



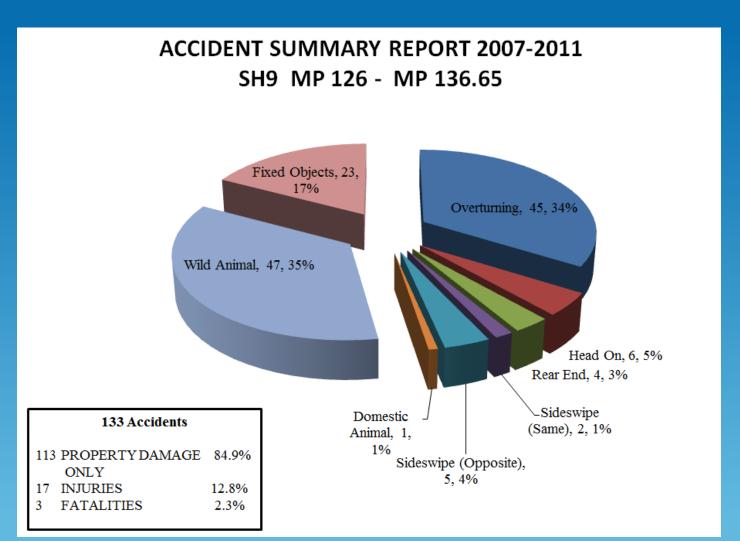
Stakeholders:

- > CDOT
- Grand County
- Colorado Parks and Wildlife
- > BLM
- Public

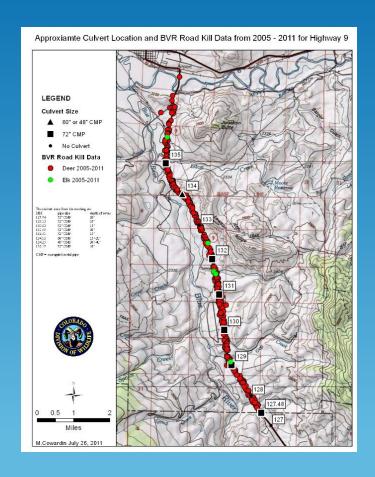
Purpose and Need for Project: Accident History

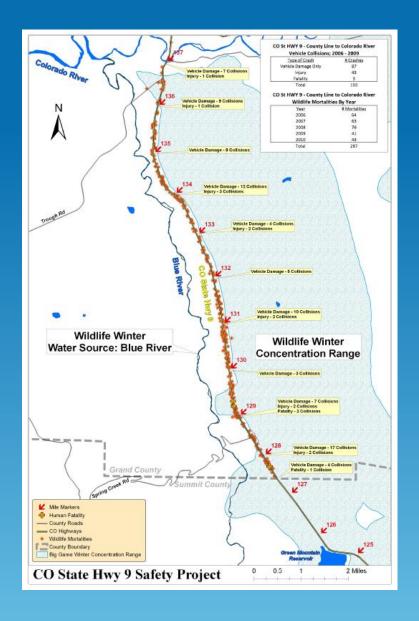


Purpose and Need for Project: Accident History



Wildlife/Vehicle Accidents along SH 9

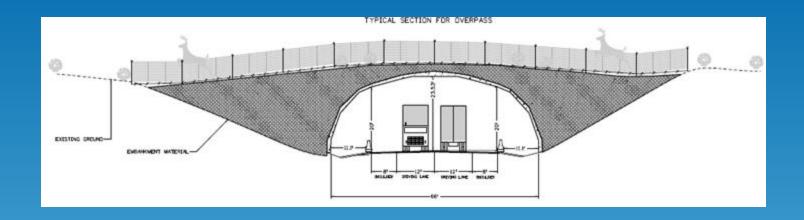


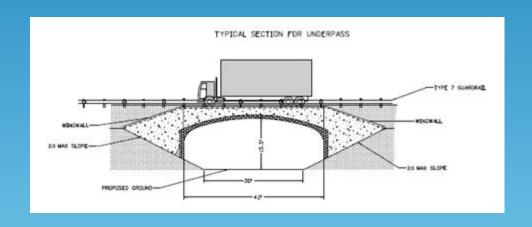


Identified Safety Improvements

- Add Wildlife crossings
- Install wildlife fence along right-of-way
- Improve Horizontal and Vertical Alignments to meet
 65 mph design speed
- Widen roadway template to include 8 foot shoulders
- Flatten side slopes to allow vehicle recovery area
- New signing and striping
- Add safety devices (guardrail) where required
- New drainage structures

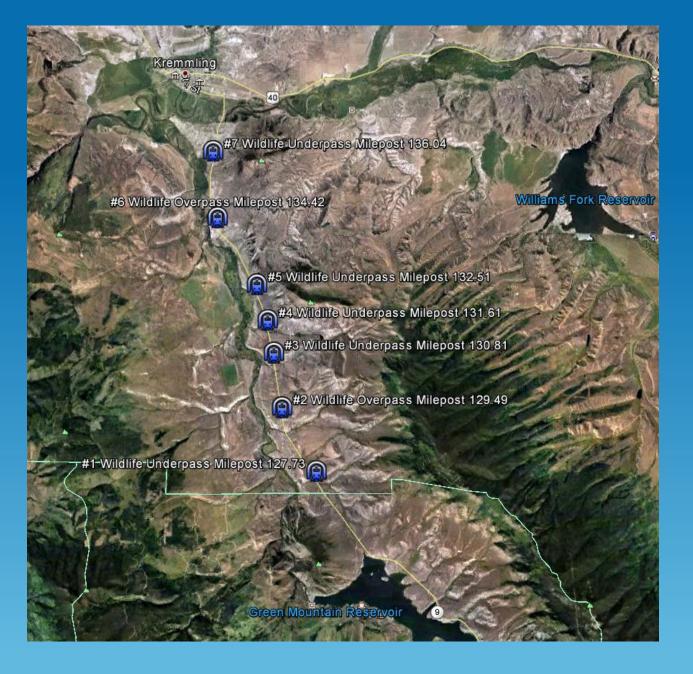
Add Wildlife Crossings (Underpass/Overpass)





Identified Wildlife Crossing Locations

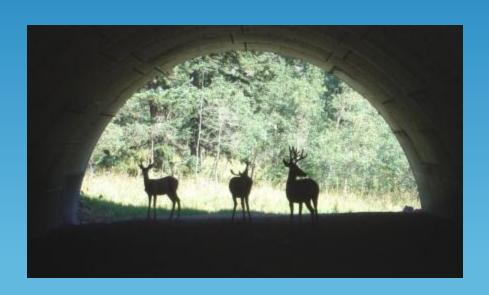
- O 7 locations
- O 2 Overpass
- O 5 Underpass



Successful results from other States that have installed wildlife crossings

- Wyoming
- Nevada
- Utah







Examples of Typical Crossings

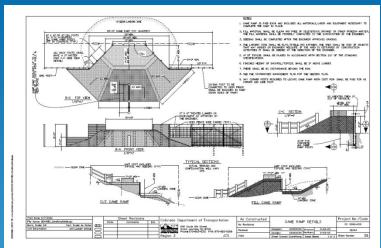
Overpass (Right)





Underpass (Left)

Install Wildlife Fence along Right-of-Way





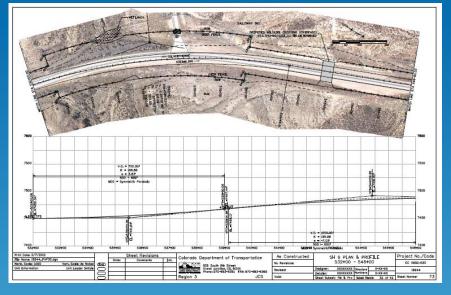




Improve Horizontal and Vertical Alignments to meet 65 mph

Design Speed



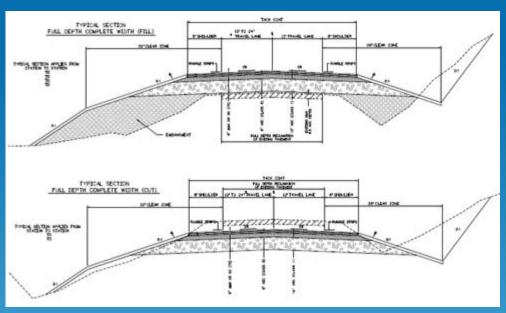


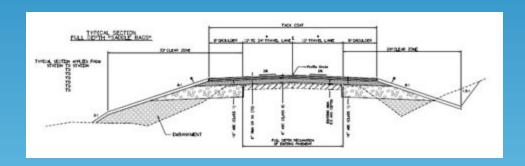
Similar to improvements on SH 131 and SH 13



Widen Roadway Template to Include 8 Foot Shoulders

(Reconstruct)





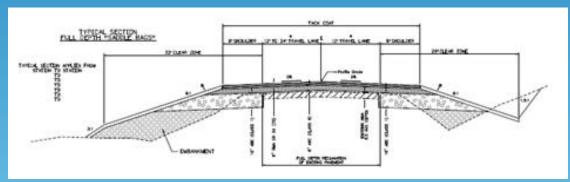
(Saddlebag)

Flatten Side Slopes to Allow Vehicle

Recovery Area







New Signing and Striping







Add Safety Devices (Guardrail, Delineators, Rumble Strips, etc.)





New Drainage Structures







THE END Questions or Comments



Please Visit our Website @: http://www.coloradodot.info/projects/sh9grandcounty